

TFW

10-21-05



PATENT  
Attorney Docket No.: 140069

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael Joseph Reale et al.  
Serial No.: 10/766,437  
Filed: January 28, 2004  
For: METHODS AND APPARATUS FOR OPERATING GAS TURBINE ENGINES  
Group No.: 3746  
Examiner: Not yet assigned

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

- Transmitted herewith is:  
Amendment Transmittal which includes Certificate of Express Mail (3 pgs.) NO FEE  
Amendment in Response to the Restriction Requirement dated September 20, 2005 (2 pgs.)  
Return Postcard

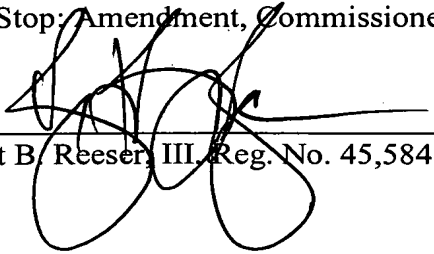
STATUS

- Applicant  
☐ claims small entity status.  
☒ is other than a small entity.

CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER FOR PATENTS

Express Mail No. EV679276244 US  
Date: October 20, 2005

I hereby certify that the documents listed above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Robert B. Reeser, III, Reg. No. 45,584

### EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(complete (a) or (b), as applicable)

- (a) \_\_\_\_\_ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(Fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

Extension for response within:	Other than small entity Fee	Small entity Fee (if applicable)
_____ first month	\$ 120.00	\$ 60.00
_____ second month	\$ 450.00	\$ 225.00
_____ third month	\$ 1,020.00	\$ 510.00
_____ fourth month	\$1,590.00	\$ 795.00
_____ fifth month	\$2,160.00	\$1,080.00

Fee: \$ \_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

*(Check and complete the next item, if applicable)*

\_\_\_\_\_ An extension of \_\_\_\_\_ months has already been secured. The fee paid therefor \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

OR

- (b)   X   Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	ADDITIONAL RATE FEE	OR	ADDITIONAL RATE FEE
TOTAL INDEP.		MINUS		=	x \$25.00 = \$		x \$50.00 = \$
		MINUS		=	x \$100.00 = \$		x \$200.00 = \$
—	FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ \$180.00 = \$		+ \$360.00 = \$
					TOTAL ADDITIONAL FEE \$	OR	TOTAL ADDITIONAL FEE \$

- (a) ☒ No additional fee for Claims is required

**OR**

- (b) ☐ Total additional fee for claims required \$ \_\_\_\_\_

## FEE PAYMENT

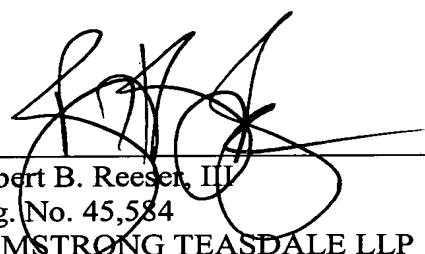
5. Attached is a check in the sum of \$ \_\_\_\_\_
- ☐ Charge Deposit Account No. 01-2384 the sum of \$ \_\_\_\_\_.  
A duplicate of this transmittal is attached.

## FEE DEFICIENCY

6. ☒ If any additional extension and/or fee is required, charge Deposit Account No. 01-2384.

**AND/OR**

- ☒ If any additional fee for claims is required, charge Deposit Account No. 01-2384.
7. ☐ Other:

  
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Express Mail No. EV 679276244 US

Patent  
140069

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Michael Joseph Reale :  
Serial No.: 10/766,437 : Art Unit: 3746  
Filed: January 28, 2004 : Examiner: Kim, Tae Jun  
For: METHODS AND APPARATUS FOR :  
OPERATING GAS TURBINE ENGINES :

**AMENDMENT**

**Mail Stop Amendment**  
Commissioner for Patents  
Box NON-FEE AMENDMENT  
Washington, D.C. 20231

The Office Action mailed September 20, 2005 has been carefully reviewed and the foregoing amendment has been made in consequence thereof. In response to the election of a species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable, Applicant elects the species of Figure 1. Claims 1-20 belong to the elected species.

Applicant respectfully submits, however, that Claims 21-27 do read on the elected species of Figure 1. For example, independent Claim 1 recites "a method for operating a gas turbine engine, including a first compressor, a second compressor, and a turbine, coupled together in serial flow arrangements . . . channeling the condensate to an inlet of the second compressor to facilitate reducing an operating temperature of the gas turbine engine."

Figure 4 is a schematic illustration of a gas turbine engine. Figure 4 illustrates a series flow arrangement of various engine components. Compressed airflow is discharged from the first compressor to an intercooler which creates a condensate to be channeled into the first compressor. Paragraph 12, line 4 recites, "engine 10 is known in the art and includes, in serial flow relationship, a low pressure compressor or booster, a high pressure compressor . . . ." Therefore, in the Figure 4 embodiment, condensate is channeled into the second compressor. In